

FIG. 1

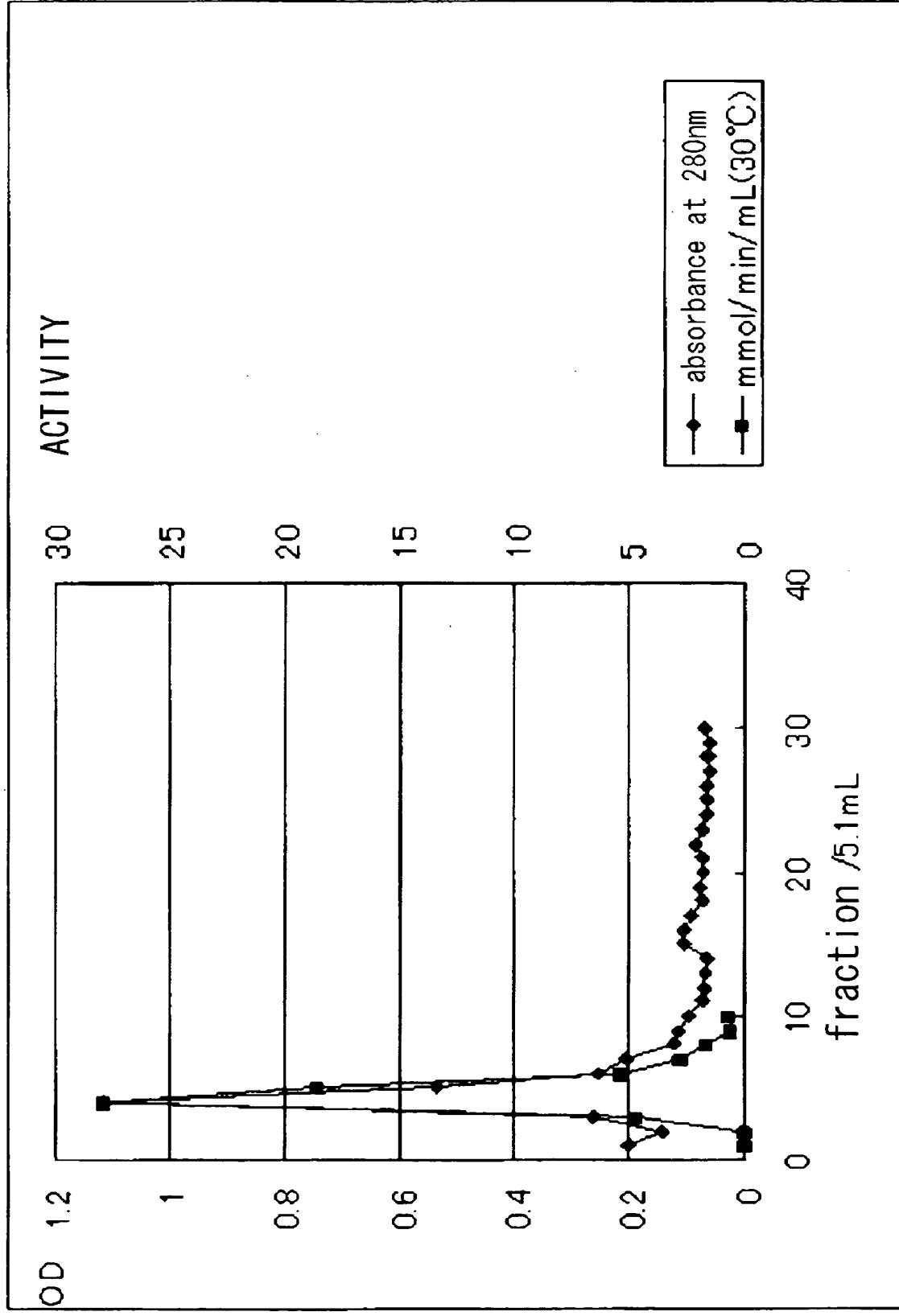


FIG.2

Purification of Amine Oxidase from Pea Epicotyls

Step	Total Activity μ kat	Total Protein mg	Specific Activity μ kat/mg	Purification fold	Yield %
1 crude	13.3	1079	0.012	1	100
2. SP-Sephadex	11.8	854	1.38	115	88.7

Purification Procedure for Pea Seedling Amine Oxidase

Purification step	Total Activity μ kat	Total Protein mg	Specific Activity μ kat/mg	Purification fold	Yield %
1. crude	—	10031	0.01	1	100
2. (NH ₄) ₂ SO ₄ fractionation	—	2970	0.04	303	98
3. DE-52 chromatography	—	114	0.66	55	63
4. 6-aminoethyl-Sepharose 2B	—	31	1.63	136	42

Purification and Characterization of Amine Oxidase from Pea Seedlings

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enzyme pure at 95% (sp act 1.2 μ kat/mg)

FIG. 3

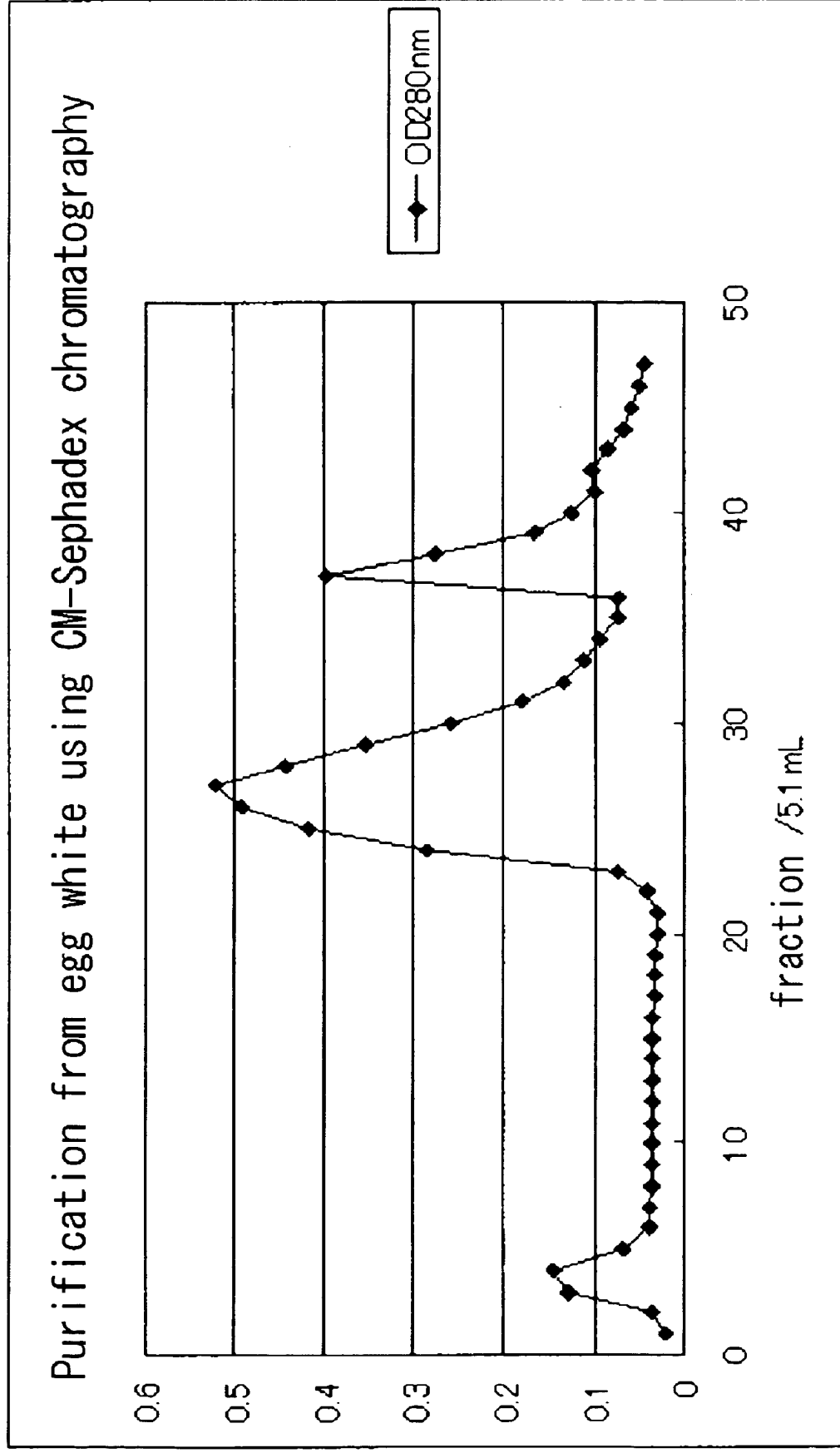


FIG. 4

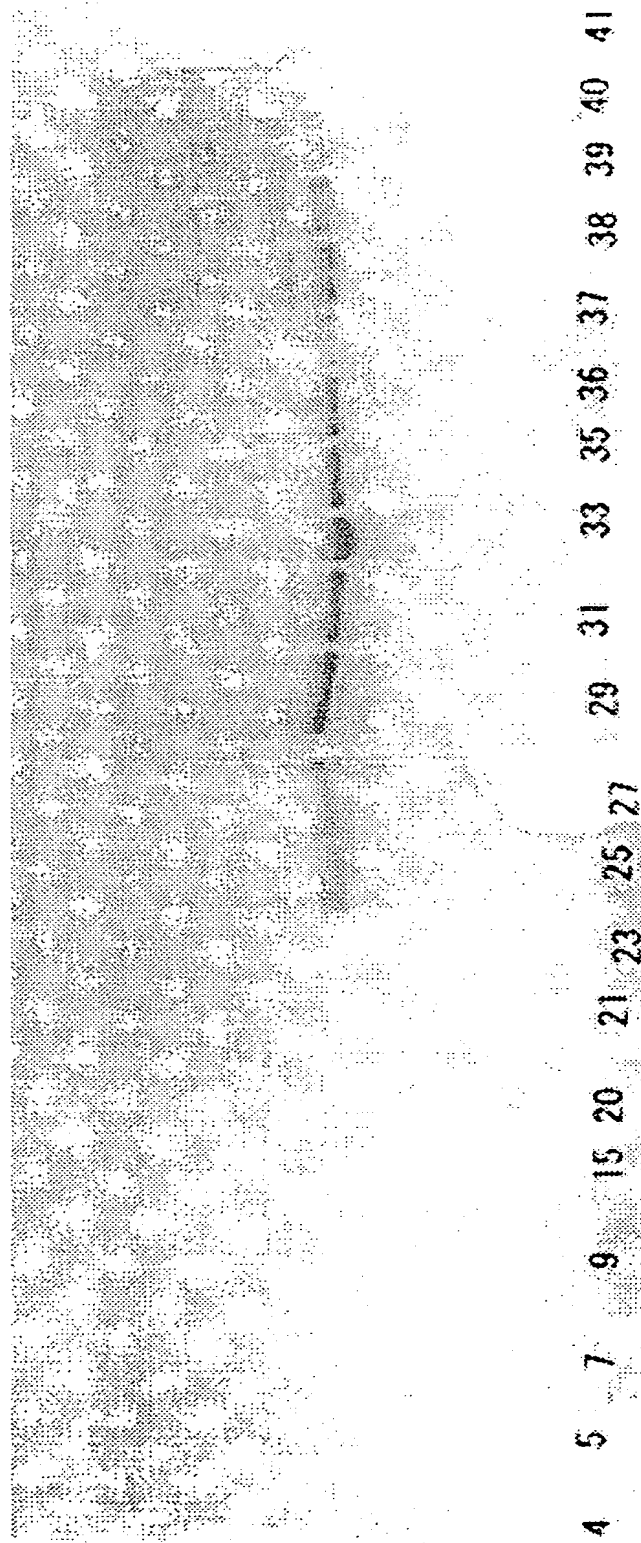


FIG. 5

Purification from egg white using CM-Sephadex chromatography

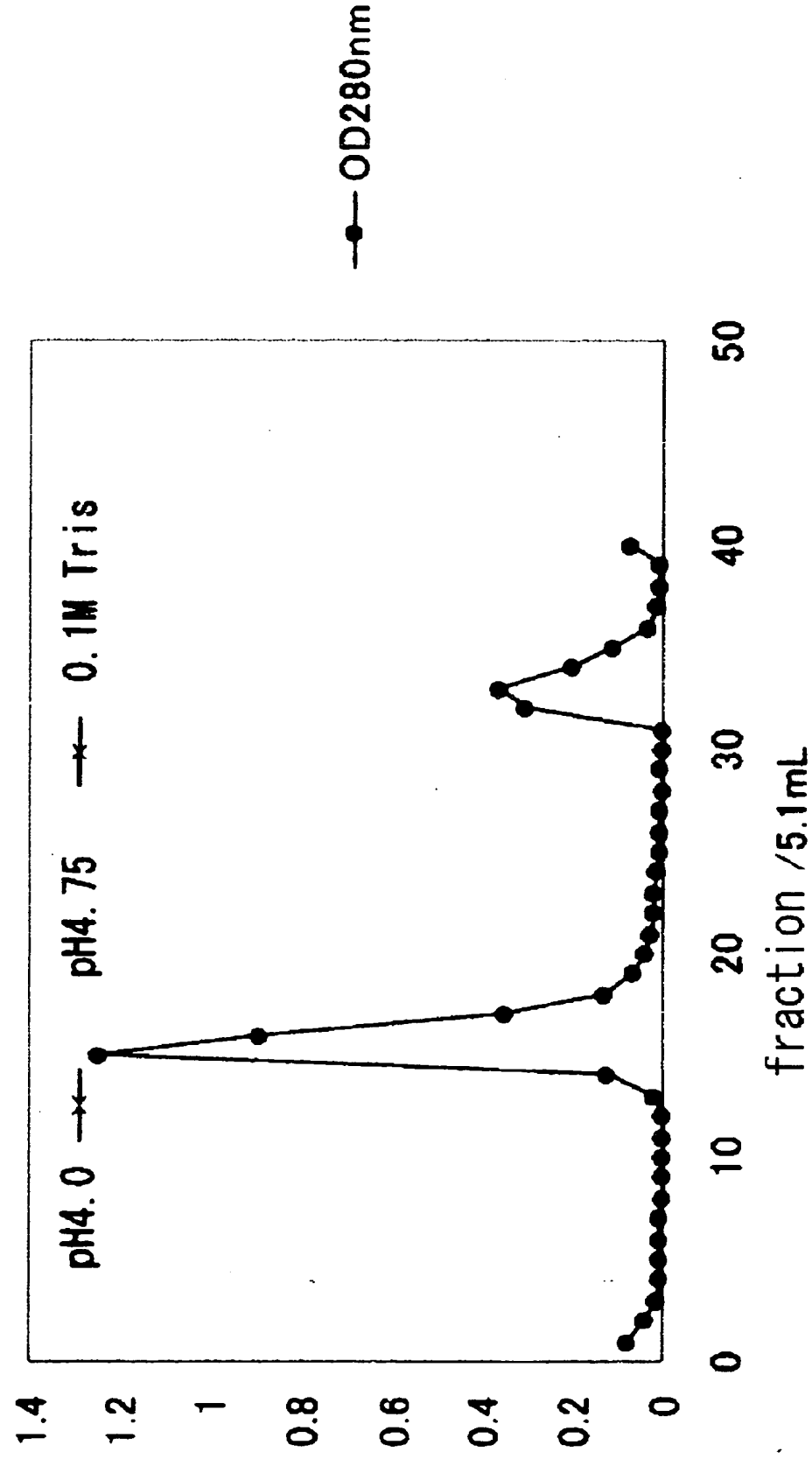


FIG. 6

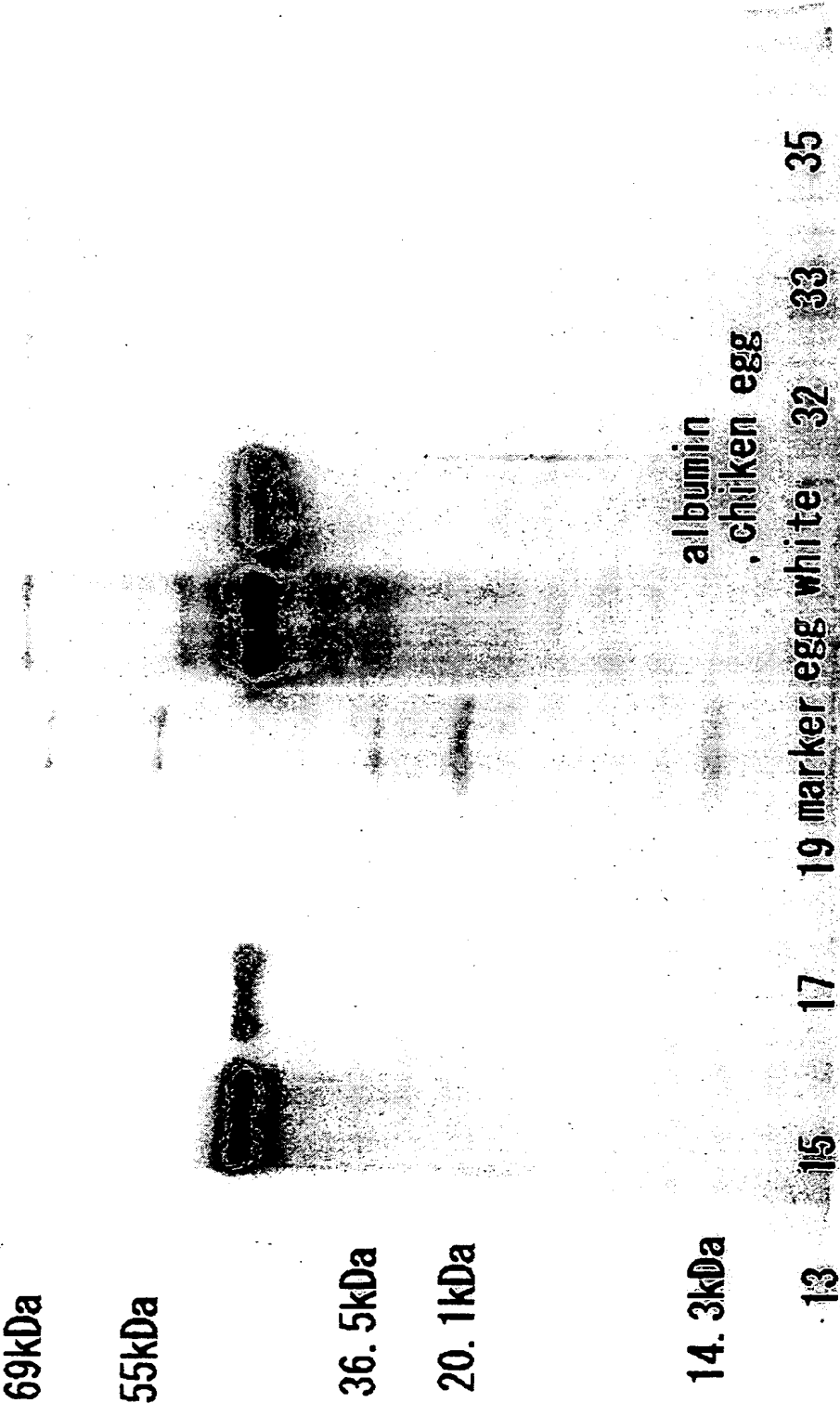


FIG. 7

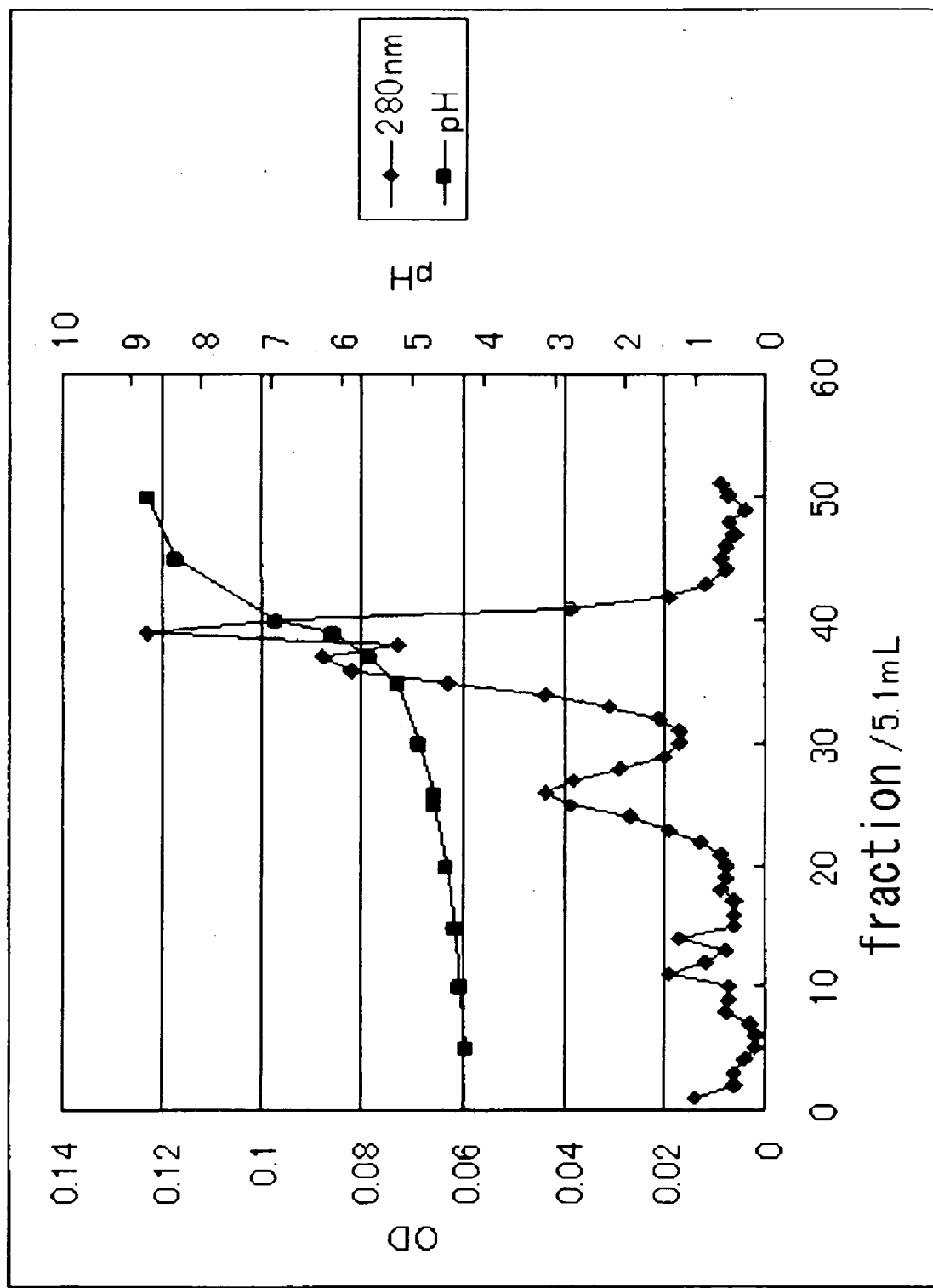


FIG. 8

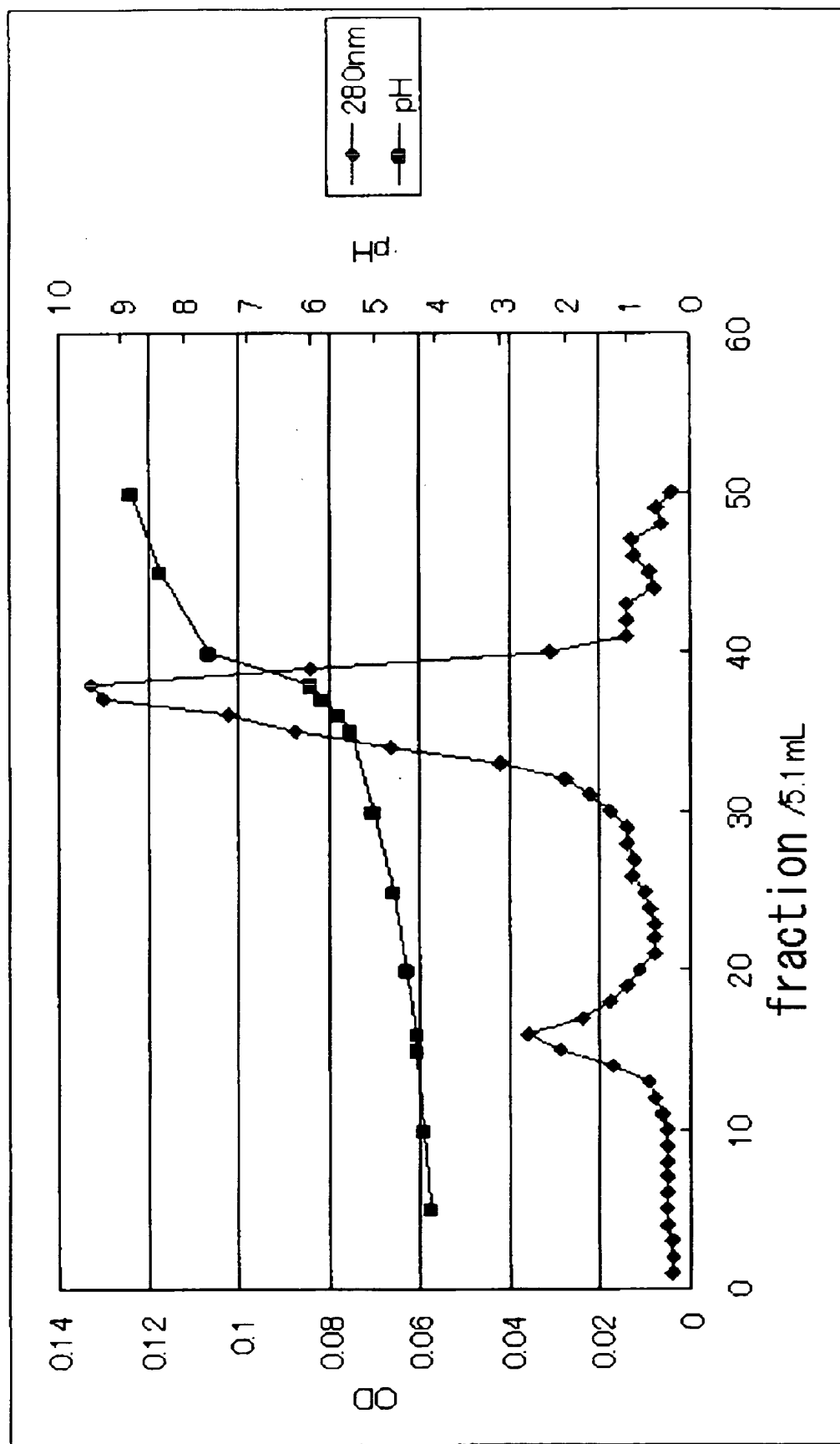


FIG. 9

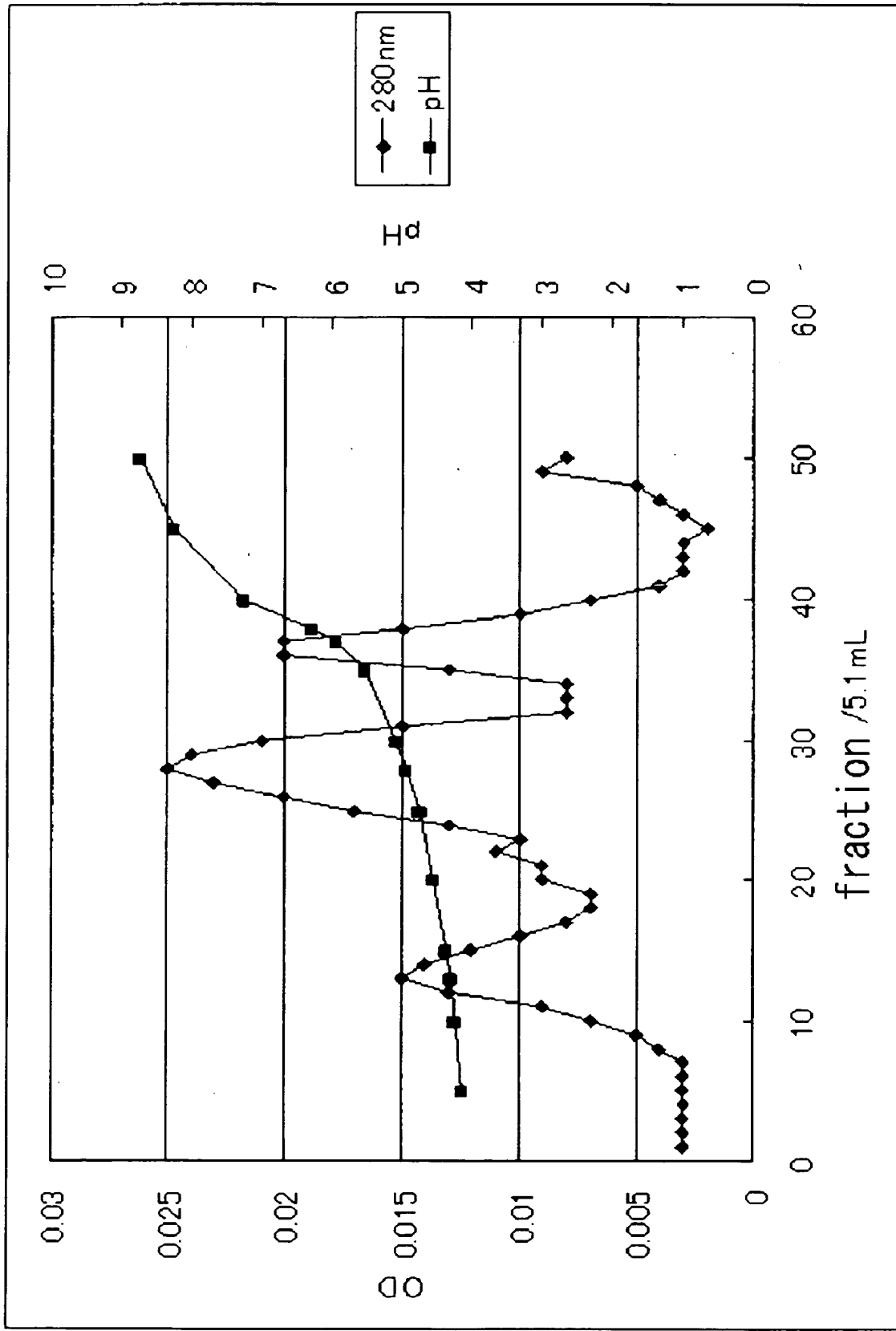


FIG. 10

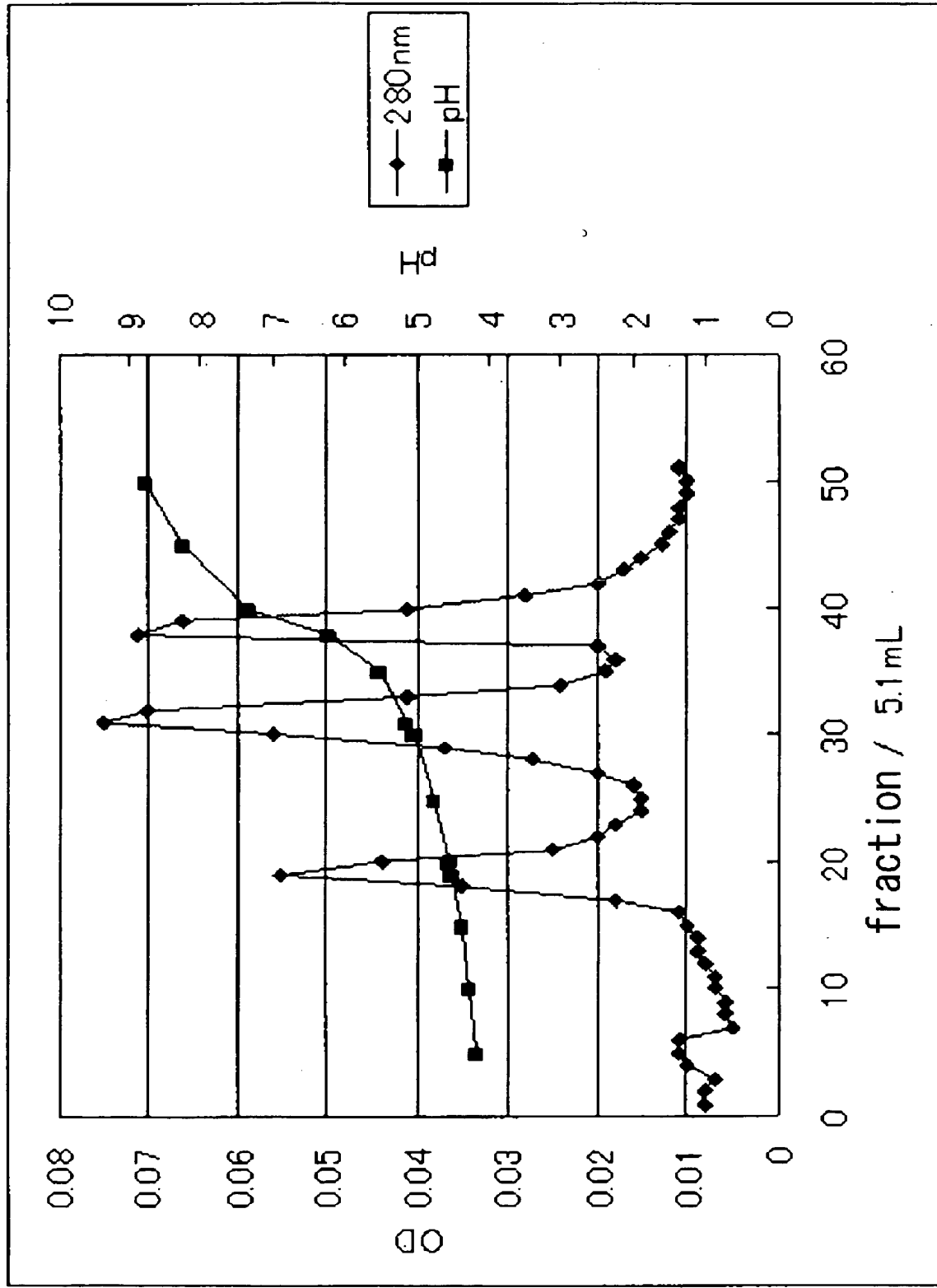


FIG. 11

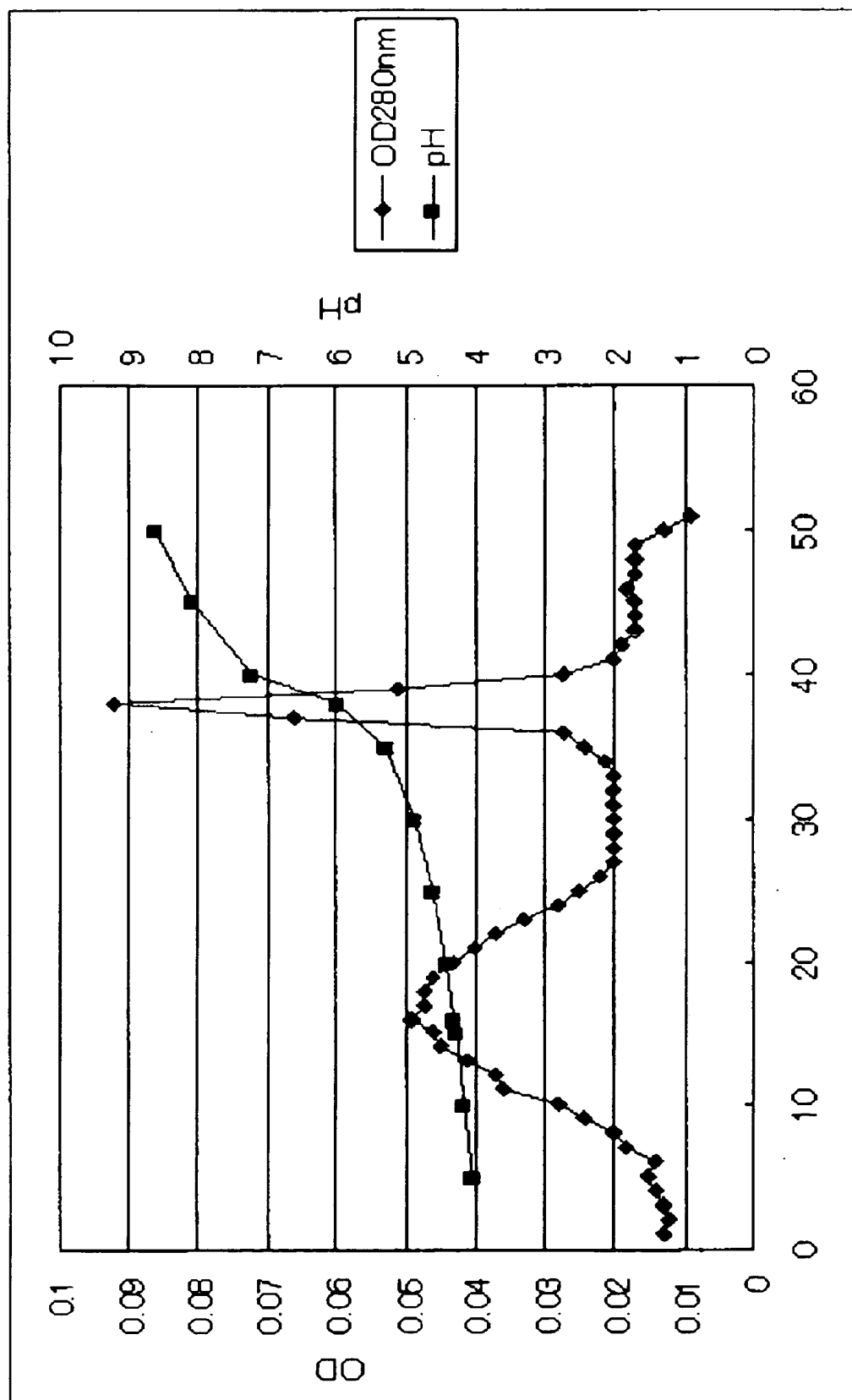


FIG. 12

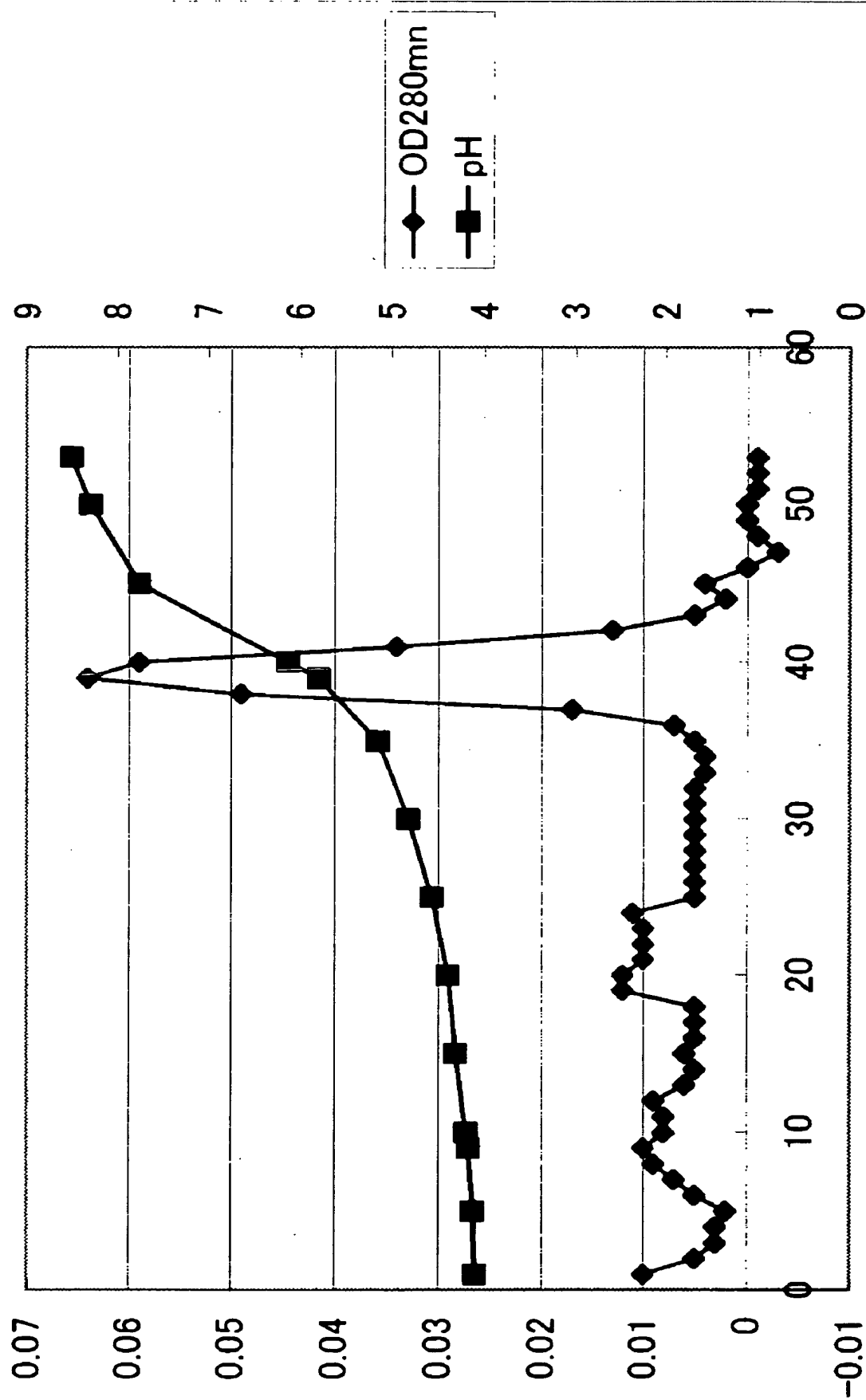


FIG. 13

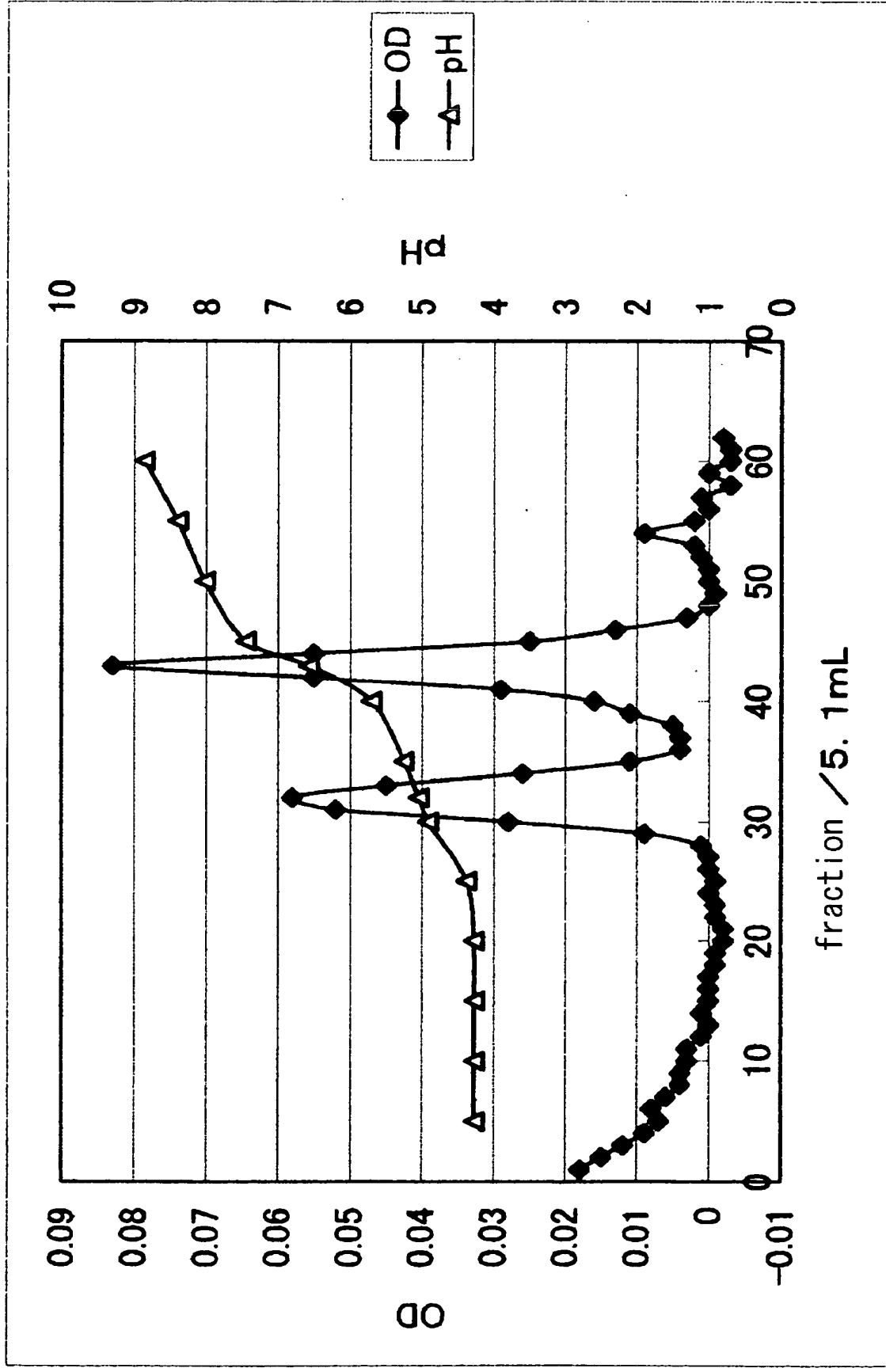


FIG. 14

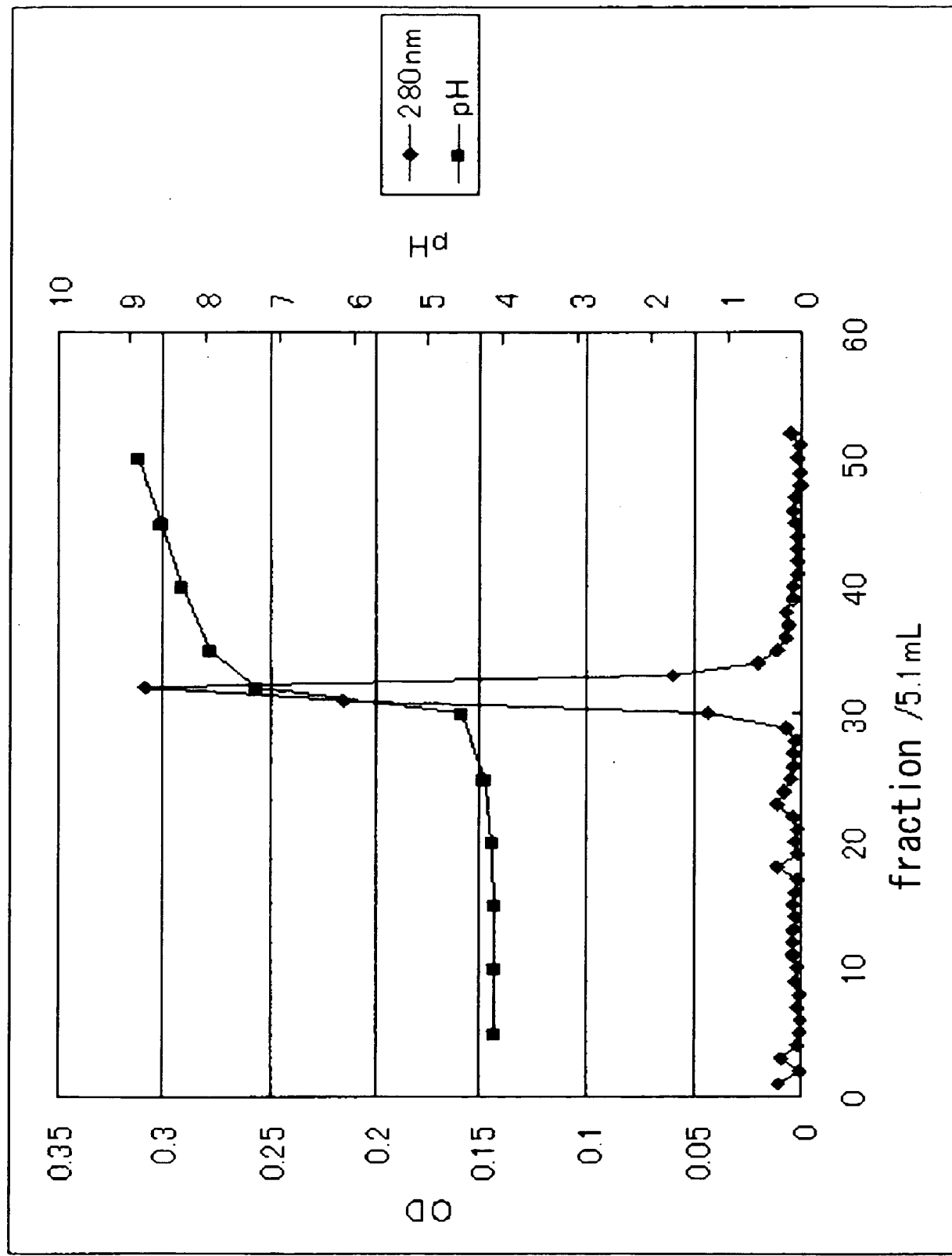


FIG. 15

